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Substitute	e for form	1449/PTO		Application Number	10/696,282
INFORMATION DISCLOSURE				Filing Date	October 29, 2003
STA	STATEMENT BY APPLICANT			First Named Inventor	Wilson et al
317	4151	LIVI D.	A, 1 22011111	Group Art Unit	1635/636
			as necessary)	Examiner Name	Brian A. Whiteman DAVID GUZO
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		NONPATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include the name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item, (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
N	LLL	ZHI ET AL, Increased Antigen-Specific Humoral Response by Adenoviral Vector Prime and Adeno-Associated Viral Vector Boost, Abstract 569, 7 th Annual Meeting of the American Society of Gene Therapy [June 2-6, 2004] Minneapolis, Minnesota,	
a	MMM	BOYER ET AL, Anti-SARS Humoral And Cellylar Immunity Evoked by Adenovirus Vector Expressing Spike Glycoprotein from SARS Coronavirus, Abstract 558, 7 th Annual Meeting of the American Society of Gene Therapy [June 2-6, 2004] Minneapolis, Minnesota, (e-publ. May 2, 2004)	
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Sheet 1 of 2

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Application Number	10/696,282	
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Group Art Unit	1635 /636	
Examiner Name	Brian-A. Whiteman DAVID GUZ	.0
Attorney Docket	GNV31BUSA/	
Number	UPN-K1774DIV1	

		U.S. PAT	ENT DOCUMENTS		
Examiner	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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		FOREIGN P	ATENT DOCUMENTS			
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ - Number ⁴ -Kind Code ⁵ (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Τ¢

Examiner Signature	()	in I man	Date Considered	12/29/05

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				First Named Inventor	Wilson et al	
		PLICA		Group Art Unit	1635 /636	
((Use as many sheets as necessary)		Examiner Name	Brian A. Whiteman GUZO		
Sheet	2	of	2	Attorney Docket Number	GNV31BUSA/ UPN-K1774DIV1	

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de	III	GAO ET AL, Clades of Adeno-Associated viruses are widely Disseminated in Human Tissues, Journal of Virology, Vol. 78, No. 12, pp. 6381-6388, (June 2004)	
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H	KKK	RICK ET AL, Congenital Bleeding Disorders, American Society of Hematology, pp. 559-574, (2003)	
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			APPLICANT	First Named Inventor	James M. Wilson
(4	Use as ma	ny sheets	as necessary)	Group Art Unit	1635 /636
		Examiner Name	Brian A. Whiteman DAVID GUZO		
Sheet	1	of	1	Attorney Docket Number	GNV31BUSA/K1774DIV1

		U.S. PATENT DOCUMENTS									
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Examiner Initials*	Cite No. ¹	Number-Kind Code ^{2(if} known)	Publication Date MM-DD-YYYY	Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear						

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Initials*			ry Code³- Number⁴- (if known)	Kind	MM-DD-YYYY	Cited Document	or Relevant Figures Appear	
n	EEE	PCT	WO 02/063025	A2	08-15-2002	Avigen, Inc.		
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	INFORMATION		Application Number	10/696,282	
DISCLOSURE				Filing Date	October 29, 2003
STATEMENT BY		First Named Inventor	James M. Wilson		
		PLIC		Group Art Unit	1635 /636
(Use as n	any shee	ts as necessary)	Examiner Name	Brian A. Whiteman 6020
Sheet	1	of	1	Attorney Docket Number	GNV31BUSA/ UPN-K1774DIV1

Cite No.1	Include the name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item, (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), columeousse number(s), publisher, city and/or country where published	T²
DDD	SURACE ET AL, Delivery of Adeno-Associated Virus Vectors to the Fetal Retina: Impact of Viral Capsid Proteins on Retinal Neuronal Progenitor Transduction, Journal of Virology, Vol. 77, No. 14, pp. 7957-7963, (July 2003)	
	No.1	Cite No.¹ (when appropriate), title of the item, (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), columeousse number(s), publisher, city and/or country where published DDD SURACE ET AL, Delivery of Adeno-Associated Virus Vectors to the Fetal Retina: Impact of Viral Capsid Proteins on Retinal Neuronal Progenitor Transduction, Journal of Virology, Vol. 77, No. 14, pp.

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Substitute	for form 14	449/210		Application Number	10/696,282		
INFORMATION DISCLOSURE				Filing Date	October 29, 2003		
			APPLICANT	First Named Inventor	James M. Wilson, M.D., Ph.D.		
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				Examiner Name	Brian A. Whiteman GV70		
Sheet	1	of	1	Attorney Docket Number	GNV31BUSA/K1774DIV1		

			U.S. PATENT DOCUMENT	rs		
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Examiner Initials*	Cite No. ¹	Number-Kind Code ^{2(if} known)	Publication Date MM-DD-YYYY	Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages o Relevant Figures Appear	
or	CCC	US-2002-0159978 A1	10-31-2002	Allen		

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Signature	Jave Jugo	Considered	12/19/05

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INFORMATION				Filing Date	October 29, 2003	
	DISCLOSURE			First Named Inventor	James M. Wilson	
	STATE	ME	NT BY	Group Art Unit	1636	
APPLICANT (Use as many sheets as necessary)				Examiner Name	Brian A. Winternan GUZU	
Sheet	1	of	8	Attorney Docket Number	GNV31BUSA/ UPN-K1774DIV1	

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,	APPLICANT (Use as many sheets as necessary)			Examiner Name	Brian A. Whiteman 6,020	
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N	J	US-5,871,982 B1	02-16-1999	J. Wilson	-
01	K	US-6,258,595 B1	07-10-2001	G. Gao	
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01	N	PCT WO96/13598 A2	05-09-1996	J. Wilson		
ge	0	PCT WO98/10088 A1	03-12-1998	J. Wilson		
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1	T	PCT WO99/47691 A1	09-23-1999	G. Gao		· · · · ·
21	Ū	PCT WO00/55342 A1	09/21/2000	G. Gao		
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191	W	US-6,156,303	12-05-2000	Russell et al	• • • • • • • • • • • • • • • • • • • •
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01	Y	PCT WO01/23597 A2	04-05-2001	G. Gao	Appear	-
81	Z	PCT WO01/23001 A2	04-05-2001	M. Croyle		
91	AA	PCT WO01/83692 A2	11-08-2001	M. Hildinger		
7	BB	PCT WO01/40455 A2	06-07-2001	G. Gao		

Examiner	[/ / / /	Date	12/20/
Signature	X avy for	Considered	12/21/03

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ļ	Application Number	10/696,282	·
	Filing Date	October 29, 2003	
	First Named Inventor	James M. Wilson	
	Group Art Unit	1635/636	
	Examiner Name	Brian A. Whitemen	G1020
	Attorney Docket	GNV31BUSA/	
	Number	UPN-K1774DIV1	

Complete if Known

Examiner Initials*	Cite No.1	Include the name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item, (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), columeousse number(s), publisher, city and/or country where published	T ²
or	CC	HAUCK ET AL, Generation and Characterization of Chimeric Recombinant AAV Vectors, Molecular Therapy, Vol. 7, No. 3, pp. 419-425, (March 2003)	
01	DD	RABINOWITZ ET AL, Cross-Packaging of a Single Adeno- Associated Virus (AAV) Type 2 Vector Genome into Multiple AAV Serotypes Enables Transduction with Broad Specificity, Journal of Virology, Vol. 76, No. 2, pp. 791-801, (January 2002)	
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Examiner Signature Date Considered 2/25/05		·)		
	Examiner	1 0 0	Date	11/11/
	Signature a			10/29/05

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	INFORMATION DISCLOSURE STATEMENT BY		Application Number	10/696,282	
		_		Filing Date	October 29, 2003
STATEMENT BY		First Named Inventor	James M. Wilson		
	APPLICANT		Group Art Unit	1635 1636	
<i>"</i>	Use as m	any shee	ts as necessary)	Examiner Name	Brien-A. Whiteman GUZO
Sheet	5	of	8	Attorney Docket Number	GNV31BUSA/ UPN-K1774DIV1

		OTHER PRIOR ART-NONPATENT LITERATURE DOCUMENTS	
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	П	H. CHAO ET AL, Several Log Increase in Therapeutic Transgene	
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67	JJ	R. KOTIN ET AL, Site-Specific Integration by Adeno-Associated Virus, Proc. Natl. Acad. Sci. USA, 87:2211-2215 (March, 1990)	
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	TNE	ORMA	TION	Application Number	10/696,282		
		CLOS		Filing Date	October 29, 2003		
			NT BY	First Named Inventor	James M. Wilson		
APPLICANT				Group Art Unit	1635 /636		
(Use as many sheets as necessary)			ts as necessary)	Examiner Name	Brian A. Whiteman 6,020		
Sheet	6	of 8		Attorney Docket Number	GNV31BUSA/ UPN-K1774DIV1		

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MM R. SNYDER ET AL, Persistent and Therapeutic Concentrations of Human Factor IX in Mice After Hepatic Gene Transfer of Reocmbin AAV Vectors, Nature Genetics, 16:270-276 (July, 1997)							
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OO R. SAMULSKI ET AL, Targeted Integration of Adeno-Associated Virus (AAV) into Human Chromosome 19, EMBO Journal, 10(12):3941-3950 (December, 1991) PP K. BERNS, Parvoviridae: The Viruses and Their Republication, B. N. Fields et al, Fields Virology, 3 rd ed., Vol. 2, Chapter 69, pp 2173-2197 (Lippincott-Raven Publishers, Philadelphia, PA) (199							
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	TNEC)RMA	TION	Application Number	10/696,282	
		CLOS		Filing Date	October 29, 2003	
	STAT	EME	NT BY	First Named Inventor	James M. Wilson	
		PLIC		Group Art Unit	1995/636	
(Use as many sheets as necessary)				Examiner Name	Brian A. Whiteman 6020	
Sheet	7	of 8		Attorney Docket Number	GNV31BUSA/ UPN-K1774DIV1	

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01	SS	R. SAMULSKI ET AL, Cloning of Adeno-Associated Virus into pBR322: Rescue of Intact Virus from the Recombinant Plasmid in Human Cells, Proc. Natl. Acad. Sci. USA, 79:2077-2081 (March, 1982)	
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01	VV	C. BALAGUE ET AL, Adeno-Associated Virus Rep78 Protein and Terminal Repeats Enhance Integration of DNA Sequences into the Cellular Genome, Journal of Virolgoy, 71(4):3299-3306 (April, 1997)	
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OL	XX	X. XIAO ET AL, Gene Transfer by Adeno-Associated Virus Vectors into the Central Nervous System, Experimental Neurology, 144:113-124 (1997)	

Examiner Signature Date Considered /2/29/05

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	INFO	DRMA	TION	Application Number	10/696,282	
		CLOS		Filing Date	October 29, 2003	
	STAT	remei	NT BY	First Named Inventor	James M. Wilson	
APPLICANT				Group Art Unit	1636	
((Use as many sheets as necessary)			Examiner Name	Brian A. Whiteman GUZO	
Sheet	8	8 of 8	8	Attorney Docket Number	GNV31BUSA/ UPN-K1774DIV1	

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27	YY	ROSE ET AL, Microbiology, Vol. 546, Pages, 86-92, (1966)	
01	ZZ	ANDERSON ET AL, Nature, Vol. 392, Pages, 25-30, (1998)	
07	AAA	VERMA, Nature, Vol. 389, Pages 239-242, (1997)	
A	BBB	ORKIN ET AL, Report and Recommendations of the Panel to Assess the NIH Investments in Research on Gene Therapy, issue by the National Institute of Health, (December 7, 1995)	

Examiner Signature Date Considered 12/29/05					
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